

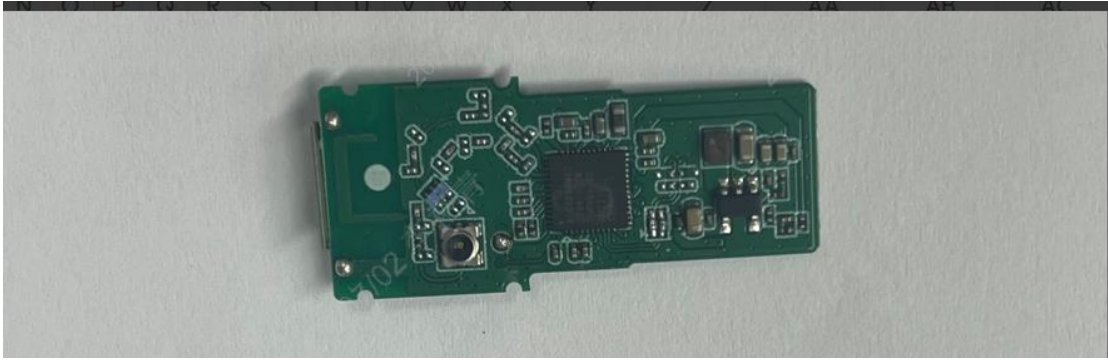
Antenna Specification

Project name	CM762
ITEM	SPEC.
Model Name	2.4G/5.8G
Polarization	Vertical/H
Gain	@2.4GHz<1.4dBi @5.8GHz<0.5dBi
Impedance	50 Ω
Weight	/
Product description	Metal+PCB onboard antenna
Antenna Length	10mm*1.9mm*3.7mm
Manufacturer	NA
Address	

Product picture

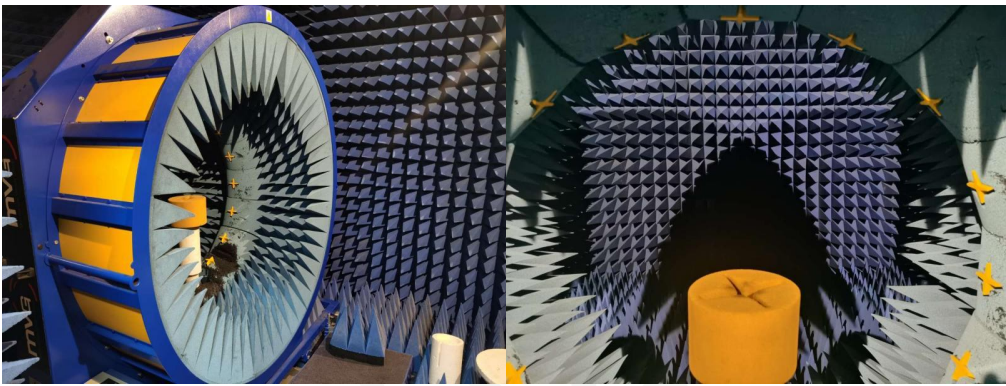


Passive antenna test report



Testing environment

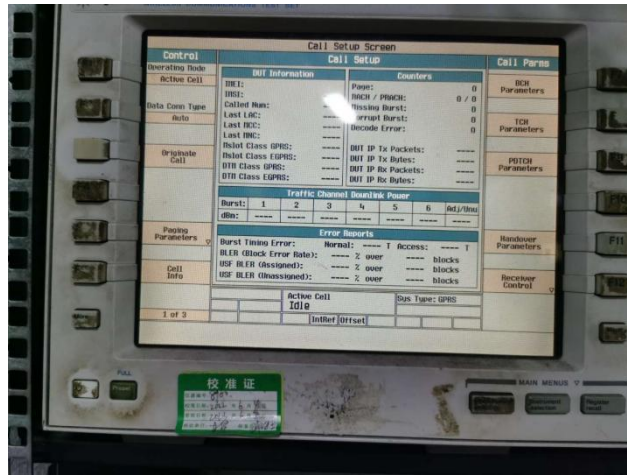
Satimo



CMW-500 Integrated measuring instrument



Agilent network analyzer

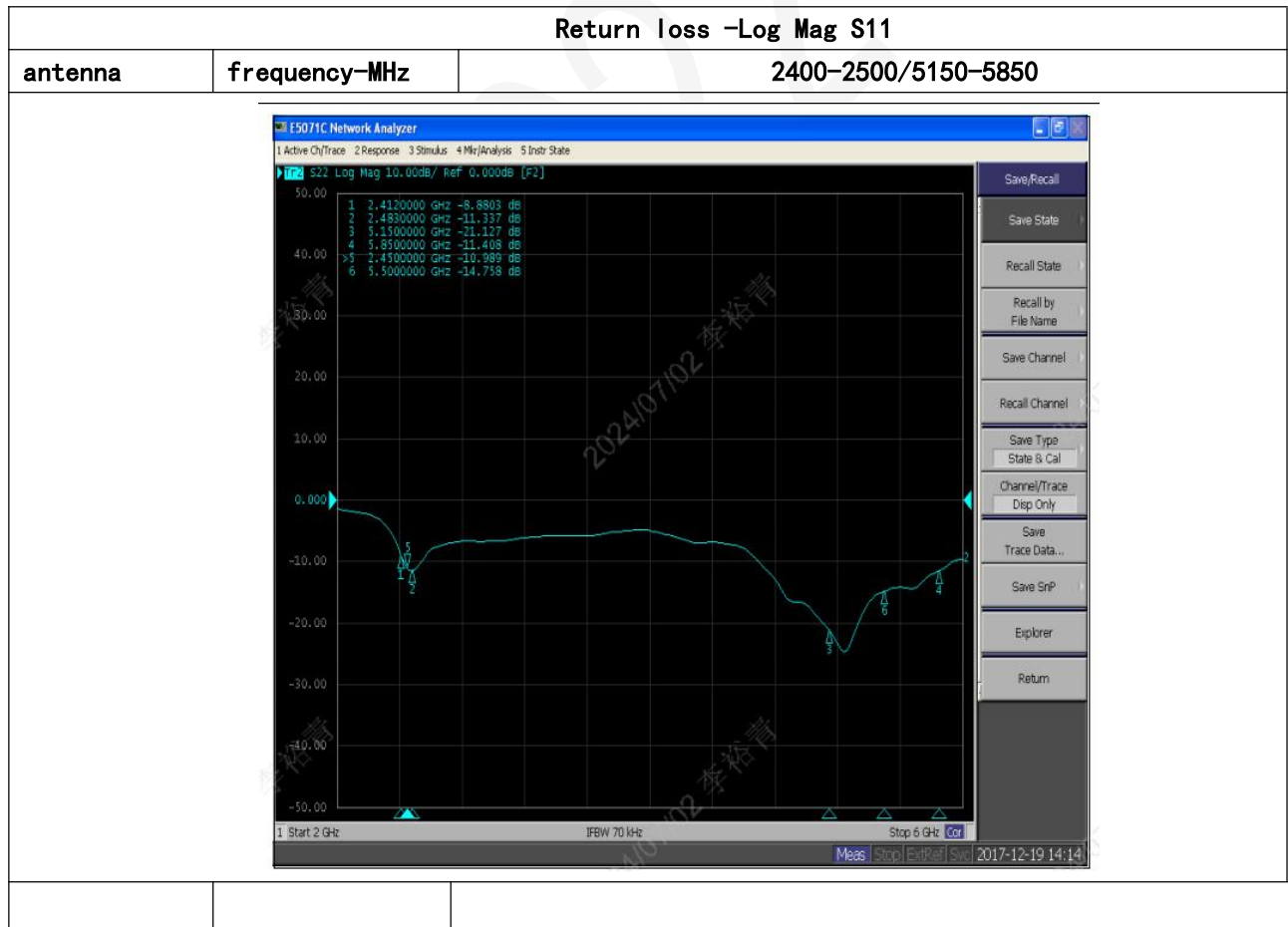


Electrical performance test results

Antenna					
Number	Inspection items	unit	Performance indicator requirements	Inspection results	
1	frequency range	MHz	2412-2483.5	2400-2483.5	
2	Gain	dBi	/	2400	1.4
				2440	1.0
				2480	0.6
4	Return loss	dB	≤-10	2400	-9
				2440	-11
				2500	-10
4	antenna effeciency	%	/	2400	38%
				2440	42%
				2500	39%

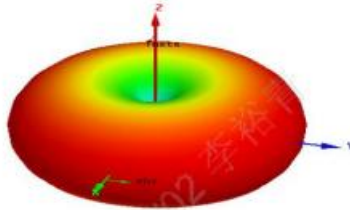
Passive antenna test report

Antenna					
Number	Inspection items	unit	Performance indicator requirements	Inspection results	
1	frequency range	MHz	5150-5850	5150-5850	
2	Gain	dBi	/	5150	0.5
				5500	0.3
				5850	0.3
4	Return loss	dB	≤ -10	5150	-21
				5500	-14
				5850	-11
4	antenna effeciency	%	/	5150	38%
				5500	42%
				5850	39%

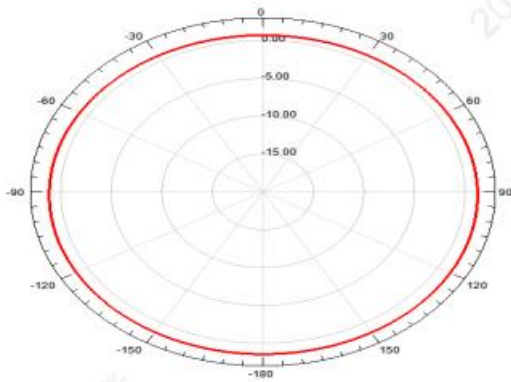


Radiation parameter testing

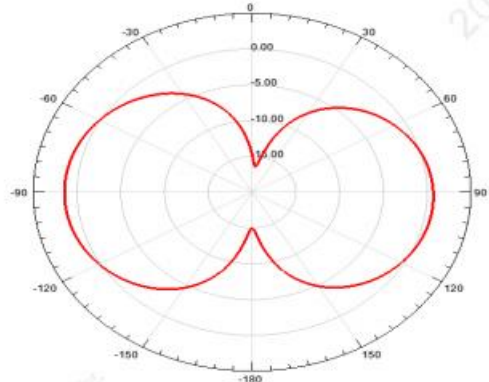
Radiation pattern 2.4G



horizontal plane

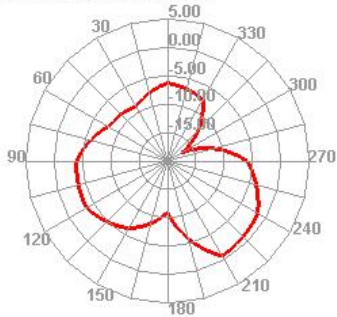


vertical plane

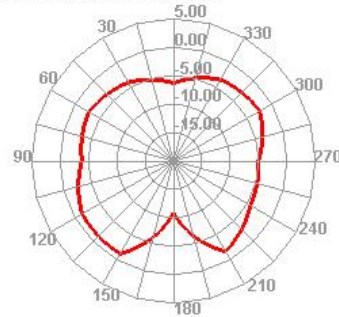


Radiation pattern 5.8G

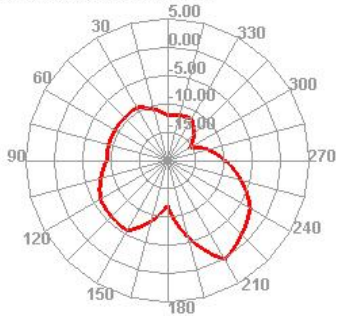
2440.000MHz E1



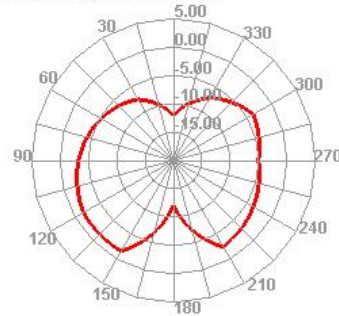
2440.000MHz E2



2480.000MHz E1



2480.000MHz E2



3022